

SEQUENCE LISTING

<110> Efendic, Suad

<120> USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION

<130> X-10822B

<150> US 60/024,980

<151> 1996-08-30

<150> US 08/915,918

<151> 1997-08-21

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 31

<212> PRT

<213> Homo sapiens

<400> 1

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly

1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly

20 25 30

<210> 2

<211> 31

<212> PRT

<213> Artificial

<220>

<223> synthetic construct

<220>

<221> VARIANT

<222> (1)..(1)

<223> Xaa at position 1 is L-histidine, D-histidine, desamino-histidine  
, 2-amino-histidine, B-hydroxy-histidine, homohistidine, alpha-fl  
uoromethyl-histidine, and aplpha-methyl-histidin

<220>

<221> VARIANT

<222> (2)..(2)

<223> Xaa at position 2 is Ala, Gly, Val, Thr, Ile, and alpha-methyl-Al

<220>

<221> VARIANT

<222> (15)..(15)

<223> Xaa at position 15 is Glu, Gln, Ala, Thr, Ser, and Gly

<220>

<221> VARIANT

<222> (21)..(21)

<223> Xaa at position 21 is Glu, Gln, Ala, Thr, Ser, and Gly

<220>

<221> VARIANT

<222> (31)..(31)

<223> Xaa at position 31 is NH2 and Gly-OH

<400> 2

Xaa Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly  
1 5 10 15

Gln Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa  
20 25 30

<210> 3

<211> 28

<212> PRT

<213> Artificial

<220>

<223> synthetic construct

<220>

<221> VARIANT

<222> (28)..(28)

<223> Xaa at position 28 is Lys and Lys-Gly

<400> 3

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa  
20 25

<210> 4

<211> 30

<212> PRT

<213> Artificial

<220>

<223> synthetic construct

<220>

<221> VARIANT

<222> (19)..(19)

<223> Xaa at position 19 is Lys or Arg

<220>

<221> VARIANT

<222> (30)..(30)

<223> Xaa at position 30 is Gly-OH or NH2

<400> 4

Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln

1 5 10 15

Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa

20 25 30

<210> 5

<211> 30

<212> PRT

<213> Artificial

<220>

<223> synthetic construct

<400> 5

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly

1           5           10           15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg

20           25           30

<210> 6

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic construct

<400> 6

Ser Arg Arg Gln

1